PHILIPS Lighting



The ultimate in retail flexibility and performance

StyliD Evo

With StyliD Evo, retailers can enjoy the superior guality of light and market-leading energy efficiency of PerfectAccent optics in a series of flexible and future-proof projectors. StyliD Evo projectors are easy to reconfigure with quick and easy optic upgrades that require no tools. They also support frequently changing they layout of outlets, as the StyliD Evo projector can be easily repositioned on the track or Maxos fusion backbone. Covering a wide range of lighting applications, from lower light levels in convenience formats to high-ceiling installations where very high light output is required, StyliD offers continuity for every retail concept. StyliD Evo can be mounted on 3C or DALI track (ST770T, ST780T), on Maxos fusion (ST770S, ST780S, ST770X), or into the ceiling with a semi-recessed version (ST770B). All StyliD Evo projectors with PerfectAccent reflectors are certified as a circular lighting product and offer multiple system integration and dimming options, including wired as well as wireless. For a prolonged shelf life and better visual representation of food, reducing food waste and increasing sales, fresh food LED lighting recipes are available. Check out our Fashion and Food catalogue pages to find out more about PremiumWhite, PremiumColor, Fresh Meat, Rosé, Frost and Champagne.

Benefits

- $\boldsymbol{\cdot}$ Attract shoppers with more sparkle and superior eye comfort
- \cdot Easy to reposition and upgrade for frequent outlet updates
- \cdot Best-in-class efficacy to reduce carbon footprint and save on energy use
- Certified as circular lighting with PerfectAccent high-efficacy reflectors

Features

- \cdot Easy optic replacement or upgrades that require no tools
- \cdot Available with PerfectAccent high-efficacy reflectors
- \cdot Optional front glass9advised in dusty environments)
- \cdot Up to 6,000 lm output for high installation heights
- The high-intensity oval beam allows increased luminaire spacing when lighting fresh food counters or wordmarks and banners on the wall
- Available with fresh food LED lighting recipes and LED flavours
- Wired(DALI) and wireless connectivity options

Application

- \cdot Convenience stores
- \cdot Supermarkets and hypermarkets
- \cdot Large Retail formats

Warnings and Safety

- All photometrical data is calculated without optional front glass. Flux should be reduced by 3.5% when using a front glass
- Use pressurised air only to clean the optic. Touching the LED or reflector is forbidden. For food preparation areas and areas with high levels of dust, the use of the optional front glass is strongly advised, as it can be cleaned with a (dry) microfibre cloth.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove

Versions



ST771T StyliD Evo Driver-in-track -

white

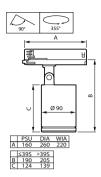


ST771T StyliD Evo Driver-in-track black



StyliD Evo Performance ST780T white, track version

Dimensional drawing



Product details



OptiShield protects the optical compartment from bugs and dust



Aiming indication, with marking for Indoor Positioning operation



StyliD Evo Performance white, side view



StyliD Evo Performance white, front view



StyliD Evo Exploded View



StyliD Evo Performance in white, full rotation flexibility

| General InformationDriver includedYesNumber of gear unitsUnitService TagYesService TagYesLight Technical120 degree(s)Beam angle of light source3000 KCorrelated Colour Temperature (Nom)3000 KProtection class IECSafety class IIInput Voltage220 to 240 VLine Frequency50 to 60 HzDimmableYesPotection class IECSafety class IIInput Voltage200 to 240 VLine Frequency50 to 60 HzVersSafety class IIMechanical and HousingYesMech. impact protection codeIK02Ingress protection codeIK02Ambient temperature range+10 to +35 °CCE markYesFIARMANICFor mounting on normally flammableGlow-wire testTemperature 650 °C, duration 30 s | | |
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| Number of gear unitsUnitNumber of gear unitsUnitService TagYesLight TechnicalI20 degree(s)Beam angle of light source120 degree(s)Correlated Colour Temperature (Nom)3000 KOperating and Electrical200 to 240 VProtection class IECSafety class IIInput Voltage220 to 240 VLine Frequency50 to 60 HzControls and DimmingYesMechanical and HousingIK02Mech. impact protection codeIK02Ingress protection codeIK02Ambient temperature range+10 to +35 °CCE markFor mounting on normally flammability markFol Controls and DimmingSing and a suffacesGeneration codeINEC markAmbient temperature range+10 to +35 °CGenarkFor mounting on normally flammability markFor mounting on normally flammability markFor mounting on normally flammability markFor mounting on suffacesTemperature 650 °C, duration 30 s | General Information | |
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| Approval and Application Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Initial Performance (IEC Compliant) | Mech. impact protection code | IK02 |
| Ambient temperature range +10 to +35 °C CE mark Yes ENEC mark ENEC mark Flammability mark For mounting on normally flammable surfaces Glow-wire test Temperature 650 °C, duration 30 s Initial Performance (IEC Compliant) Compliant) | Ingress protection code | IP20 |
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| normally flammable surfaces Glow-wire test Glow-wire test Temperature 650 °C, duration 30 s Thitial Performance (IEC Compliant) | ENEC mark | ENEC mark |
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| Glow-wire test Temperature 650 °C, duration 30 s | | normally |
| Glow-wire test Temperature 650 °C, duration 30 s | | flammable |
| °C, duration 30 s Initial Performance (IEC Compliant) | | surfaces |
| Initial Performance (IEC Compliant) | Glow-wire test | Temperature 650 |
| · · · · · · | | °C, duration 30 s |
| · · · · · · | | |
| | Initial Performance (IEC Compliant | t) |
| Luminous flux tolerance +/-10% | Luminous flux tolerance | +/-10% |

General Information

| Order Code | Full Product Name | Light source replaceable |
|------------|---------------------------------|--------------------------|
| 58791500 | ST771T 39S/PW930 WIA WB WH | - |
| 58792200 | ST771T 39S/PW930 WIA WB BK | - |
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H WH | No |

Light Technical

| | | Colour | Luminous | | |
|------------|-----------------------------------|-------------|----------------|----------|------------|
| | Full Product | rendering | efficacy | Luminous | |
| Order Code | Name | index (CRI) | (rated) (nom.) | Flux | Optic type |
| 58791500 | ST771T 39S/ PW930 WIA WB WH | >90 | 124 lm/W | 3,850 lm | Wide beam |
| 58792200 | ST771T 39S/ PW930 WIA WB BK | >90 | 124 lm/W | 3,850 lm | Wide beam |

| | | Colour | Luminous | | |
|------------|--------------|-------------|----------------|----------|------------|
| | Full Product | rendering | efficacy | Luminous | |
| Order Code | Name | index (CRI) | (rated) (nom.) | Flux | Optic type |
| 97754200 | ST780T | >80 | 125 lm/W | 4,800 lm | Oval |
| | 49S/830 DIA- | | | | horizontal |
| | VLC OVL-H WH | | | | beam |

Operating and Electrical

| | | | Suitable for |
|------------|-------------------------|-------------------|------------------|
| Order Code | Full Product Name | Power Consumption | random switching |
| 58791500 | ST771T 39S/PW930 WIA WB | 31 W | Not applicable |
| | WH | | |

| | | | Suitable for |
|------------|----------------------------|-------------------|------------------|
| Order Code | Full Product Name | Power Consumption | random switching |
| 58792200 | ST771T 39S/PW930 WIA WB BK | 31 W | Not applicable |

| | | | Suitable for |
|------------|------------------------|-------------------|------------------|
| Order Code | Full Product Name | Power Consumption | random switching |
| 97754200 | ST780T 49S/830 DIA-VLC | 38.5 W | No |
| | OVL-H WH | | |

Controls and Dimming

| | | | Maximum dim |
|------------|----------------------------|------------------|-------------|
| Order Code | Full Product Name | Embedded control | level |
| 58791500 | ST771T 39S/PW930 WIA WB WH | - | - |
| 58792200 | ST771T 39S/PW930 WIA WB BK | - | - |

| | | | Maximum dim |
|------------|-----------------------------|------------------|-------------|
| Order Code | Full Product Name | Embedded control | level |
| 97754200 | ST780T 49S/830 DIA-VLC OVL- | Visible light | 1% |
| | H WH | communication | |

Mechanical and Housing

| Order Code | Full Product Name | Housing Colour |
|------------|----------------------------|----------------|
| 58791500 | ST771T 39S/PW930 WIA WB WH | White |
| 58792200 | ST771T 39S/PW930 WIA WB BK | Black |

| Order Code | Full Product Name | Housing Colour |
|------------|---------------------------------|----------------|
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H WH | White |

Emergency Operation

| Order Code | Full Product Name | Central Emergency |
|------------|----------------------------|-------------------|
| 58791500 | ST771T 39S/PW930 WIA WB WH | No |
| 58792200 | ST771T 39S/PW930 WIA WB BK | No |

| Order Code | Full Product Name | Central Emergency |
|------------|---------------------------------|-------------------|
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H WH | - |

Approval and Application

| | | Flickering value | Stroboscopic |
|------------|----------------------------|------------------|--------------|
| Order Code | Full Product Name | (PstLM) | effect |
| 58791500 | ST771T 39S/PW930 WIA WB WH | - | - |
| 58792200 | ST771T 39S/PW930 WIA WB BK | - | - |

| | | Flickering value | Stroboscopic |
|------------|------------------------------|------------------|--------------|
| Order Code | Full Product Name | (PstLM) | effect |
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H | 1 | 0.5 |
| | WH | | |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity |
|------------|----------------------------|------------------------|
| 58791500 | ST771T 39S/PW930 WIA WB WH | (0.422, 0.386) SDCM <2 |
| 58792200 | ST771T 39S/PW930 WIA WB BK | (0.422, 0.386) SDCM <2 |

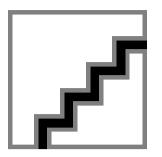
| Order Code | Full Product Name | Initial chromaticity |
|------------|---------------------------------|----------------------|
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H WH | (0.434,0.403)<3 |

Product Data

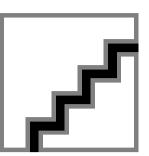
| Order Code | Full Product Name | Product family code |
|------------|----------------------------|---------------------|
| 58791500 | ST771T 39S/PW930 WIA WB WH | ST771T |
| 58792200 | ST771T 39S/PW930 WIA WB BK | ST771T |

| Order Code | Full Product Name | Product family code |
|------------|---------------------------------|---------------------|
| 97754200 | ST780T 49S/830 DIA-VLC OVL-H WH | ST780T |

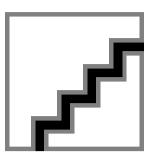
Polar Wide Diagrams



Polar Normal (separate) - ST780TI -910505101440



Polar Normal (separate) - ST770TI -910505102733



Polar Normal (separate) - ST770TI -910505102734



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